



Shri Yash Fabricators and Consultancy



OUR PROMOTER



Our promoter, Mr. Vinod Kumar Singh's sharp business acumen and in-depth industry knowledge are responsible for our dramatic growth. He has immense industry experience in the respective domain and under his guidance and tutelage we have carved a niche for ourselves in the industry. Furthermore, our competitive prices, easy payment modes, timely delivery and customized packaging solutions, act as strong incentives for our business. Our promoter has already formulated plans for expansion of our business into previously uncharted domains and we have already started work on his ideas.



ABOUT US

Established in the year 2007, Shri Yash Fabricators, is engaged in manufacturing and exporting a wide range of industrial plant & machinery and associated equipment For Solvent Extraction Plant, Edible oil refinery, Lecithin plant, Chemical Plant. These are manufactured using high grade raw material such as steel, nickel that are procured from most reputed vendors and cater to the requirements of varied industries. Our equipment is highly appreciated by our clients for low maintenance, high efficiency and robust construction.

Being a quality conscious organization, we believe in offering quality equipment to our clients thus our entire range of equipment undergoes quality testing at regular intervals by our quality controllers. Furthermore, our well-developed infrastructure assists us to meet the bulk requirements of our clients within the committed time frame. Owing to our precision engineered range, well equipped manufacturing unit and client centric approaches, we have been able to garner a huge client base across the markets of India & all over the world. We specialize in undertaking turnkey projects, which includes complete portfolio of services right from concept to commissioning. Our expanding technological base and association with industry giants have enabled us to make delighted clients successfully across INDIA and abroad. We have been certified with ISO 9001:2008 & CRISIL RATING for following a standard quality management system. Our company focuses on wealth of engineering talent to create a commercially viable solution based upon the specific application requirements of the clients. We are guided by our promoter, Mr. Vinod Kumar Singh, who has immense industry experience in the respective domain. Owing to his sharp business acumen and in-depth industry knowledge, we have carved a niche for ourselves in the industry. Furthermore, due to our competitive prices, easy payment modes, timely delivery and customized packaging solutions, we are able to build a strong repute in the industry.



WHAT WE OFFER



Lecithin Plant



Scraped Surface Heat Exchanger



Plate Heat Exchangers



High Pressure Vessels & Storage Tanks



Industrial Coils & Reactors



Fin tube Heat Exchanger



Knife Mixers



Thermic Fluid Boiler



Drier Cooler & Seed Cleaner



SOLVENT EXTRACTION PLANT

We Manufacture & supply the best quality & modern style solvent extraction plant. The solvent extraction plants are used where oil is extracted from oil seeds like soybean, sunflower, cottonseed, other oil seeds and oil cakes like mustard cake, groundnut cake and rice bran. The plant is designed to extract oil directly from oil seed containing less than 18% to 20% oil like soybean after flaking or it extracts oils from pre pressed or fully pressed cake of seeds containing more than 20% oil like sunflower, peanuts, cotton seed, palm kernel, canola, copra, castor and variety of other materials.



SEED PREPARATION

A good seed preparation is very critical for good extraction. Oil seeds are first cleaned and de-stoned before processing. The cleaned seeds are then cracked in cracking mills having specially designed rolls. The rolls are grooved and have surface hardness. The cracked beans are then carefully cooked and flaked in hydraulic flakers to produce uniform flakes. These flakes are then transported to the extraction plant for further processing.



HULL SEPERATION

For production of high protein meal it is important that good de-hulling operation is carried out. Careful drying of the beans and tempering is essential to enhance quality of de hulling operation. Multi separators and efficient screen separators ensure that the meat produced has very low fiber. The hulls produced are ground and pelletized in special machines. Pellets of 6-8 mm. are produced which find good acceptability in feed mills.



SOLVENT EXTRACTION

Soya flakes from the preparation section are fed into an extractor with stainless steel belt. Level in hopper is controlled through an ultrasonic level controller which regulates the speed of the extractor. Miscella is filtered through special wedge wire filters. Distillation comprises of a series of heat exchanges for heat recovery and evaporation of hexane. The oil is finally stripped in a special stripper operating under low vacuum. Series of specially designed condensers with tubes of stainless steel are used for condensing the hexane vapors for recirculation. The vent gases are scrubbed with mineral oil before discharge into the atmosphere. The hexane content of the gases leaving the system is well below the lower explosion limits. The solvent wet meal is fed through a vapor tight conveyor into de-solventiser toaster equipped with special level controllers. Here the meal is de-solventiser in a series of stages and subsequently toasted to remove the anti nutritional factors. The meal is subsequently dried and cooled for bagging.



DESOLVENTISER TOASTER



EXTRACTOR



DISTILLATION SECTION

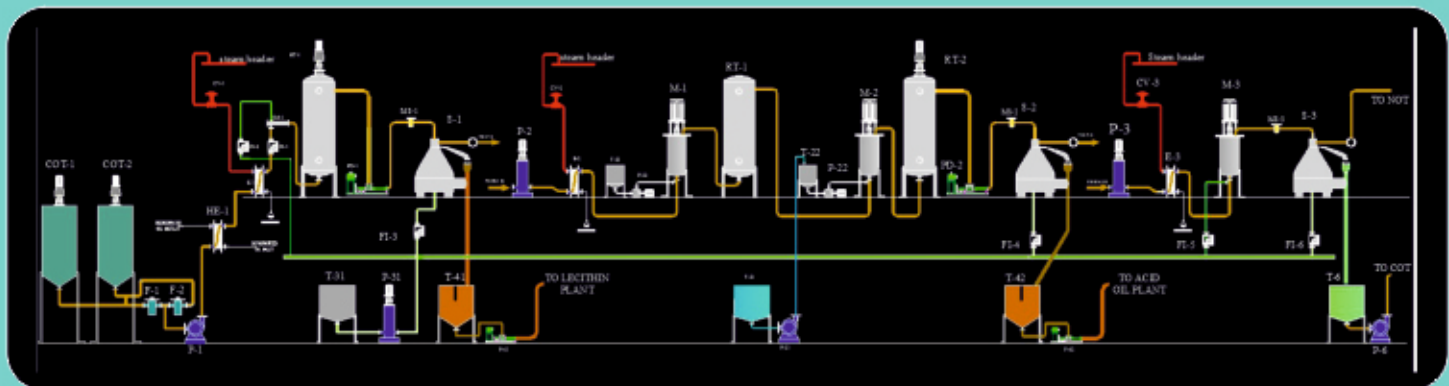
EDIBLE OIL REFINERY PLANT

We are Leading Manufacturer and Exporter from India, our product range includes Edible Oil Refining Plant such as Edible Oil Refinery Plant, Dry Degumming Plant and Physical Refining Deodorization. De-waxing of Fats, Fractionation Plant. The refining of FATS and OIL is comprised of Degumming, Alkali refining and Water washing. There are few choices to choose short/long mixed process with Degumming or Gum Conditioning. Fats and Oils conjoining gums and FFA (Free Fatty Acid) are required to be removed by Refining Process for producing quality refined oil. We provide a perfect process using Centrifuges from the Best Manufacturers.



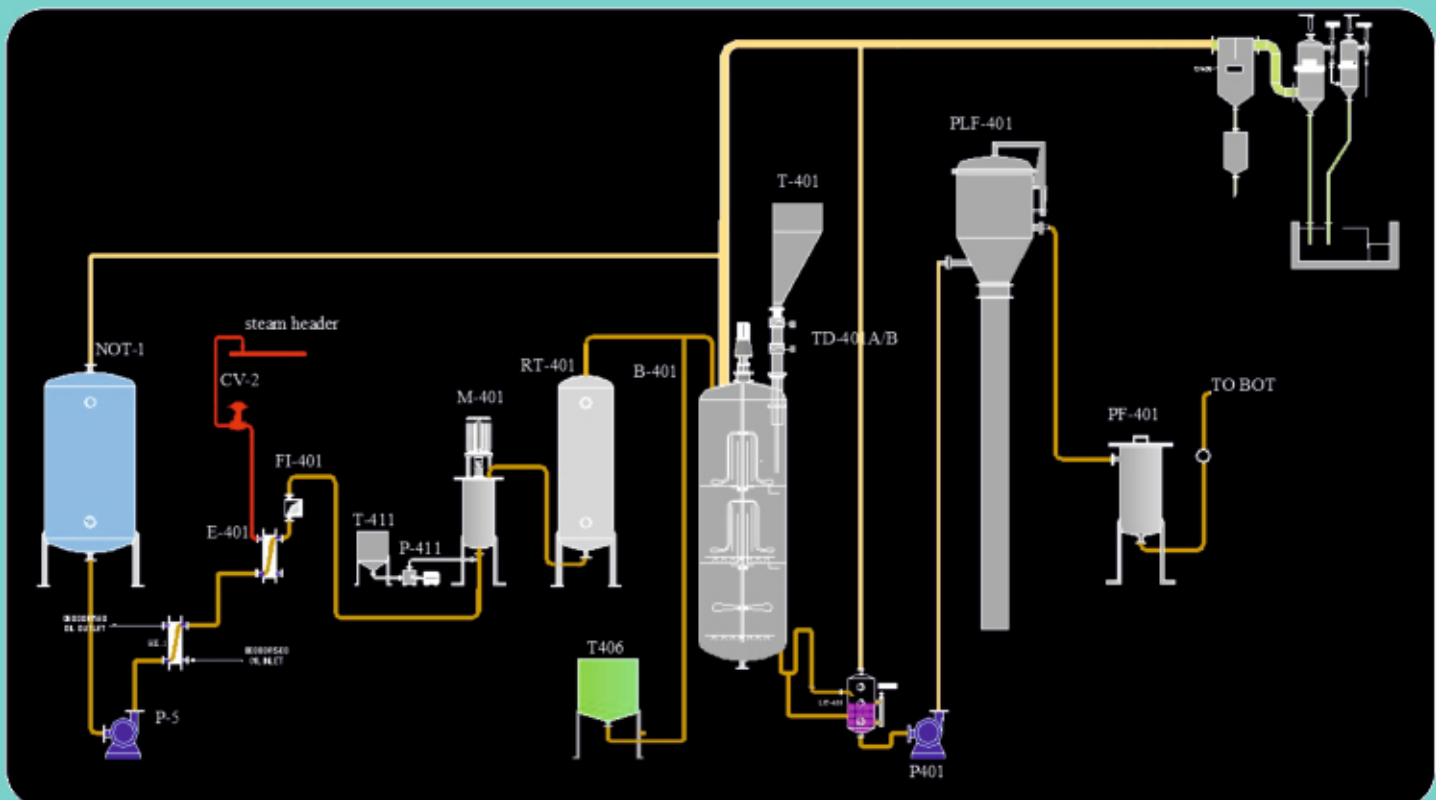
NEUTRALISATION SECTION

Vegetable Oils like Soya, Sunflower, Cottonseeds, Rapeseeds etc. are first subject to the process of degumming. Here phosphotites in the oil are hydrated with water and then removed by separating in the centrifugal separators. The degummed oil is then subject to neutralization with caustic soda where the free fatty acids are converted into soap and are separated in hermetic separators. The neutralized oil is then washed and dried.



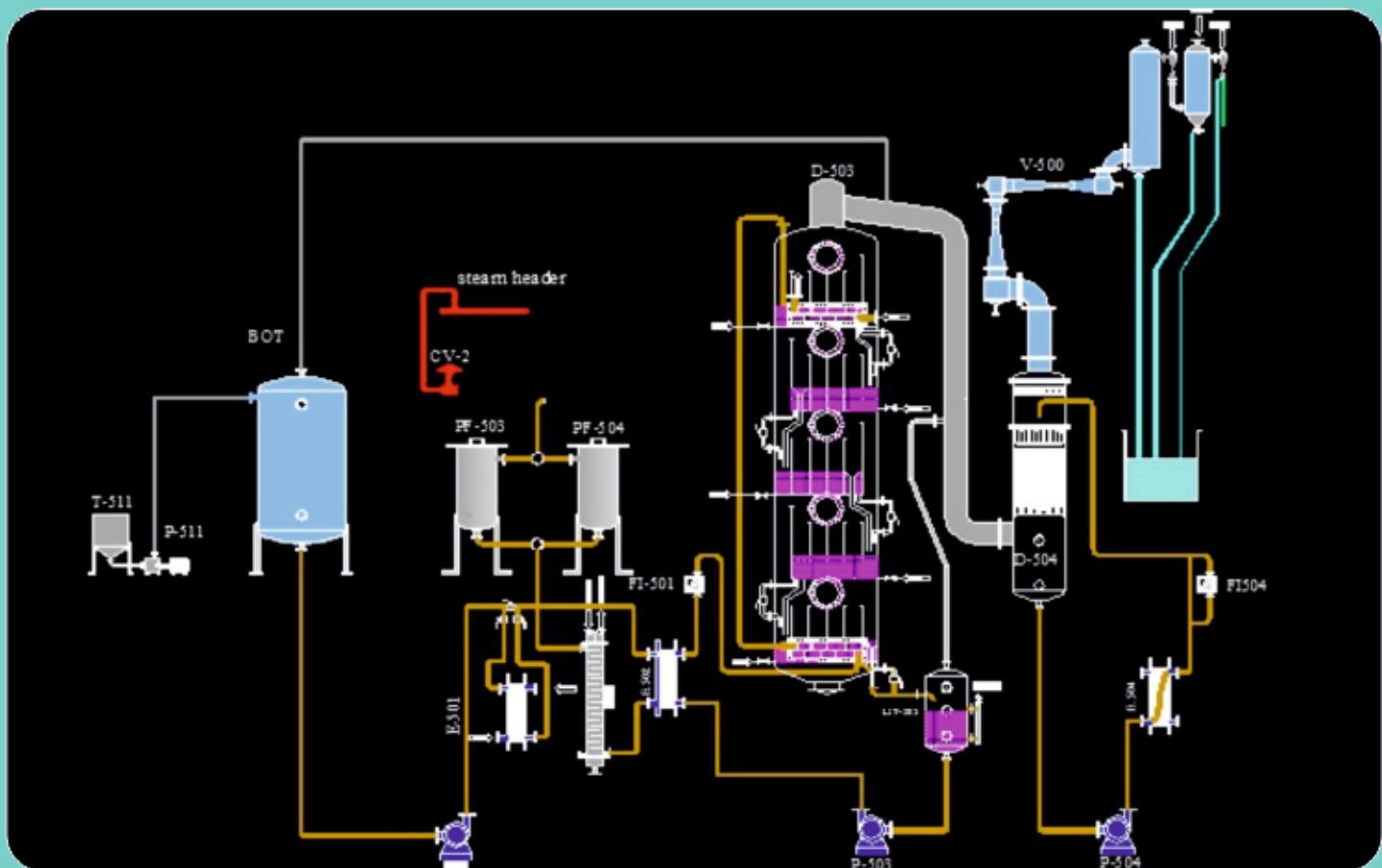
BLEACHING SECTION

The neutralized oils are mixed with adequate quantity of bleaching earth dosed through an accurate dosing system. The mixed oil is then transferred to a bleacher where oil under vacuum is agitated with steam. This also imparts the wet bleaching effect. The oil is then filtered through pressure leaf filters. The filter leaves used are in special stainless construction with the mesh imported from reputed suppliers. The filter have special pneumatic vibrators for discharge of the cake and special butterfly valve for easy opening and discharge. The bleached oil produced has very low phosphorous levels and no soap.



CONTINUOUS DEODORIZER SECTION

Oil after neutralization, pre treatment and bleaching contains free fatty acid, few coloring bodies and odoriferous substances. These odoriferous substances impart color and foul smell to the oil and to remove these, oil is subjected to De-acidification/ Deodorisation. In this process oil is subjected to de-aeration, regeneration and final heating for de-acidification/ deodorization using high vacuum, open steam with suitable residence time. This oil is then cooled and antioxidants are added to increase the shelf life of refined oil. Multistage Deodorisers are in stainless steel construction with heating and cooling oil under vacuum. The Deodorisers have special sparge steam nozzles and mammoth pumps for uniform and aggressive mixing of steam and oil. Adequate retention time is provided for light colours. Refined oils produced have high retention of tocopherols for stability of refined oils produced.



OUR DELIGHTED CUSTOMERS



Ruchi Group



Rama Phosphate



Rasoya Protein Ltd



Kn Group India



Agro Solvent Pvt Ltd Datia MP



Nimbus Nepal



Golden oil Nigeria



Adani Wilmar Vidisha MP



Haneil Soytech Nagpur MH



Kirti Group Latur (MH)



Goyal Group Kota RJ India



Kohinoor Group Nanded MH India



Khyati Foods Pvt Ltd Bhopal India



IB Group Rajnandgaon CG



Shankar Soya Indore MP



Kumar Metal Mumbai MH



Mechtech Process Gurgaon



Keshav Group Dewas MP



Dhanuka Group MP India



Perfect Group India



Synergy Exports



Sneha Group



Gujarat Ambuja



Servotech India



Sonic Biochem

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